



90 JUN 21 AM 11:53

Hygienetics, Inc.

2200 Powell Street
Suite 880
Emeryville, CA 94608
(415) 547-3886
Telecopy: (415) 547-3631

June 20, 1990

Gil Wistar
Alameda County Health Agency
Division of Hazardous Materials
80 Swan Way, Room 200
Oakland, CA 94621

RE: Livermore Arcade Shopping Center

Dear Gil:

Here are the analytical results from monitoring wells installed so far. I will send you additional results as obtained.

If you have any questions or comments, please call me.

Sincerely,

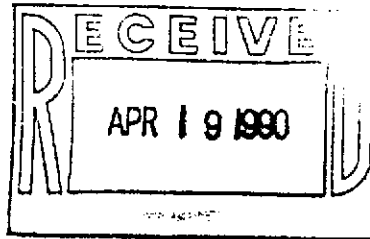
HYGIENETICS, INC.

Michael Wright R.E.A.
Environmental Geologist

MW/sdo

MW2/L0034

Analytical Report



LOG NO: E90-03-827

Received: 26 MAR 90

Reported: 28 MAR 90

4/17/90

Mr. Michael Wright
 Hygienetics
 2200 Powell Street Suite 1095
 Emeryville California 94608

Project: Arcade

REPORT OF ANALYTICAL RESULTS

Page 1

LOG NO	SAMPLE DESCRIPTION, GROUND WATER SAMPLES	DATE SAMPLED				
03-827-1	M1(A)	23 MAR 90				
03-827-2	M2(A)	24 MAR 90				
03-827-3	M3(A)	23 MAR 90				
03-827-4	M1(B)	23 MAR 90				
03-827-5	M2(B)	24 MAR 90				
PARAMETER		03-827-1	03-827-2	03-827-3	03-827-4	03-827-5
TPH - Volatile Hydrocarbons						
Date Analyzed		03.27.90	03.26.90	03.26.90	---	---
Dilution Factor, Times		50	1	1	---	---
C4 to C12 Hydrocarbons, ug/L		84000	100	<50	---	---
Fuel Characterization, .		GAS	GAS	---	---	---

This Fuel characterization is a qualitative identification based upon a visual comparison of sample chromatograms with those from authentic standards.



Analytical Report

LOG NO: E90-03-827

Received: 26 MAR 90

Reported: 28 MAR 90

Mr. Michael Wright
Hygienetics
2200 Powell Street Suite 1095
Emeryville California 94608

Project: Arcade

REPORT OF ANALYTICAL RESULTS

Page 2

LOG NO	SAMPLE DESCRIPTION, GROUND WATER SAMPLES					DATE SAMPLED
03-827-1	M1(A)					23 MAR 90
03-827-2	M2(A)					24 MAR 90
03-827-3	M3(A)					23 MAR 90
03-827-4	M1(B)					23 MAR 90
03-827-5	M2(B)					24 MAR 90
PARAMETER	03-827-1	03-827-2	03-827-3	03-827-4	03-827-5	
Purgeable Priority Pollutants				MW=1		
Date Extracted	---	---	---	03.26.90	03.26.90	
1,1,1-Trichloroethane, ug/L	---	---	---	<100	<1	
1,1,2,2-Tetrachloroethane, ug/L	---	---	---	<100	<1	
1,1,2-Trichloroethane, ug/L	---	---	---	<100	<1	
1,1-Dichloroethane, ug/L	---	---	---	<100	<1	
1,1-Dichloroethene, ug/L	---	---	---	<100	<1	
1,2-Dichloroethane, ug/L	---	---	---	<100	<1	
1,2-Dichloropropane, ug/L	---	---	---	<100	<1	
1,3-Dichloropropene, ug/L	---	---	---	<100	<1	
2-Chloroethylvinylether, ug/L	---	---	---	<100	<1	
2-Hexanone, ug/L	---	---	---	<1000	<10	
Acetone, ug/L	---	---	---	<1000	<10	
Acrolein, ug/L	---	---	---	<1000	<10	
Acrylonitrile, ug/L	---	---	---	<100	<1	
Bromodichloromethane, ug/L	---	---	---	<100	<1	
Bromomethane, ug/L	---	---	---	11000	<1	
Benzene, ug/L	---	---	---	<100	<1	
Bromoform, ug/L	---	---	---	<100	<1	
Chlorobenzene, ug/L	---	---	---	<100	<1	
Carbon Tetrachloride, ug/L	---	---	---	<100	<1	
Chloroethane, ug/L	---	---	---	<100	<1	
Chloroform, ug/L	---	---	---	<100	<1	

Analytical Report

LOG NO: E90-03-827

Received: 26 MAR 90

Reported: 28 MAR 90

Mr. Michael Wright
Hygienetics
2200 Powell Street Suite 1095
Emeryville California 94608

Project: Arcade

REPORT OF ANALYTICAL RESULTS

Page 3

LOG NO	SAMPLE DESCRIPTION, GROUND WATER SAMPLES	DATE SAMPLED
03-827-1	M1(A)	23 MAR 90
03-827-2	M2(A)	24 MAR 90
03-827-3	M3(A)	23 MAR 90
03-827-4	M1(B)	23 MAR 90
03-827-5	M2(B)	24 MAR 90

PARAMETER	03-827-1	03-827-2	03-827-3	03-827-4 <i>AW-1</i>	03-827-5 <i>AW-2</i>
Chloromethane, ug/L	---	---	---	<100	<1
Carbon Disulfide, ug/L	---	---	---	<100	<1
Dibromochloromethane, ug/L	---	---	---	<100	<1
Ethylbenzene, ug/L	---	---	---	3400	<1
Freon 113, ug/L	---	---	---	<100	<1
Methyl ethyl ketone, ug/L	---	---	---	<2000	<20
Methyl isobutyl ketone, ug/L	---	---	---	<100	<1
Methylene chloride, ug/L	---	---	---	<100	<1
Styrene, ug/L	---	---	---	<100	<1
Trichloroethene, ug/L	---	---	---	<100	<1
Trichlorofluoromethane, ug/L	---	---	---	<100	<1
Toluene, ug/L	---	---	---	22000	<1
Tetrachloroethene, ug/L	---	---	---	<100	330
Vinyl acetate, ug/L	---	---	---	<100	<1
Vinyl chloride, ug/L	---	---	---	<100	<1
Total Xylene Isomers, ug/L	---	---	---	20000	<1
cis-1,2-Dichloroethene, ug/L	---	---	---	<100	<1
trans-1,2-Dichloroethene, ug/L	---	---	---	<100	<1
trans-1,3-Dichloropropene, ug/L	---	---	---	<100	<1
Semi-Quantified Results **					
C5-C13 Hydrocarbons, ug/L	---	---	---	20000	---

Analytical Report

LOG NO: E90-03-827

Received: 26 MAR 90

Reported: 28 MAR 90

Mr. Michael Wright
Hygienetics
2200 Powell Street Suite 1095
Emeryville California 94608

Project: Arcade

REPORT OF ANALYTICAL RESULTS

Page 4

LOG NO	SAMPLE DESCRIPTION, GROUND WATER SAMPLES	DATE SAMPLED
03-827-1	M1(A)	23 MAR 90
03-827-2	M2(A)	24 MAR 90
03-827-3	M3(A)	23 MAR 90
03-827-4	M1(B)	23 MAR 90
03-827-5	M2(B)	24 MAR 90

PARAMETER	03-827-1	03-827-2	03-827-3	03-827-4	03-827-5
-----------	----------	----------	----------	----------	----------

** Quantification based upon comparison of total ion count of the compound with that of the nearest internal standard.

Analytical Report

LOG NO: E90-03-827

Received: 26 MAR 90
Reported: 28 MAR 90

Mr. Michael Wright
Hygienetics
2200 Powell Street Suite 1095
Emeryville California 94608

Project: Arcade

REPORT OF ANALYTICAL RESULTS

Page 5

LOG NO	SAMPLE DESCRIPTION, GROUND WATER SAMPLES	DATE SAMPLED
03-827-6	M3(B)	23 MAR 90
PARAMETER	03-827-6	
Purgeable Priority Pollutants	03.26.90	<i>clean</i>
Date Extracted	<1	(MW-3)
1,1,1-Trichloroethane, ug/L	<1	
1,1,2,2-Tetrachloroethane, ug/L	<1	
1,1,2-Trichloroethane, ug/L	<1	
1,1-Dichloroethane, ug/L	<1	
1,1-Dichloroethene, ug/L	<1	
1,2-Dichloroethane, ug/L	<1	
1,2-Dichloropropane, ug/L	<1	
1,3-Dichloropropene, ug/L	<1	
2-Chloroethylvinylether, ug/L	<1	
2-Hexanone, ug/L	<10	
Acetone, ug/L	<10	
Acrolein, ug/L	<10	
Acrylonitrile, ug/L	<1	
Bromodichloromethane, ug/L	<1	
Bromomethane, ug/L	<1	
Benzene, ug/L	<1	
Bromoform, ug/L	<1	
Chlorobenzene, ug/L	<1	
Carbon Tetrachloride, ug/L	<1	
Chloroethane, ug/L	<1	
Chloroform, ug/L	<1	
Chloromethane, ug/L	<1	
Carbon Disulfide, ug/L	<1	
Dibromochloromethane, ug/L	<1	
Ethylbenzene, ug/L	<1	

Analytical Report

LOG NO: E90-03-827

Received: 26 MAR 90
Reported: 28 MAR 90

Mr. Michael Wright
Hygienetics
2200 Powell Street Suite 1095
Emeryville California 94608

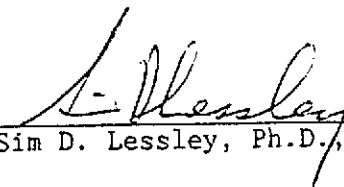
Project: Arcade

REPORT OF ANALYTICAL RESULTS

Page 6

LOG NO	SAMPLE DESCRIPTION, GROUND WATER SAMPLES	DATE SAMPLED
03-827-6	M3(B)	23 MAR 90
PARAMETER	03-827-6	
Freon 113, ug/L	<1	
Methyl ethyl ketone, ug/L	<20	
Methyl isobutyl ketone, ug/L	<1	
Methylene chloride, ug/L	<1	
Styrene, ug/L	<1	
Trichloroethene, ug/L	<1	
Trichlorofluoromethane, ug/L	<1	
Toluene, ug/L	<1	
Tetrachloroethene, ug/L	<1	
Vinyl acetate, ug/L	<1	
Vinyl chloride, ug/L	<1	
Total Xylene Isomers, ug/L	<1	
cis-1,2-Dichloroethene, ug/L	<1	
trans-1,2-Dichloroethene, ug/L	<1	
trans-1,3-Dichloropropene, ug/L	<1	

Verbal results were reported to Kevin Skaritt on 03.28.90. T. Blake
Report revised to correct gasoline result on sample MW-1. T. Blake 04.17.90


Sim D. Lessley, Ph.D., Laboratory Director

Analytical Report

LOG NO: E90-05-880

Received: 30 MAY 90
Reported: 01 JUN 90

Mr. Karl Novak
Hygienetics
2200 Powell Street Suite 1095
Emeryville California 94608

Project: Livermore Arcade

REPORT OF ANALYTICAL RESULTS

Page 1

LOG NO	SAMPLE DESCRIPTION, AQUEOUS SAMPLES	DATE SAMPLED	
05-880-1	MW 4	30 MAY 90	
05-880-2	MW 5	30 MAY 90	
PARAMETER		05-880-1	05-880-2
Vol. Pri. Poll. (EPA-624)		<i>MW-4</i> 06.01.90	<i>MW-5</i> 06.01.90
Date Analyzed		1	1
Dilution Factor, Times		<1	<1
1,1,1-Trichloroethane, ug/L	<i>clean</i>	<1	<1
1,1,2,2-Tetrachloroethane, ug/L		<1	<1
1,1,2-Trichloroethane, ug/L		<1	<1
1,1-Dichloroethane, ug/L		<1	<1
1,1-Dichloroethene, ug/L		<1	<1
1,2-Dichloroethane, ug/L		<1	<1
1,2-Dichlorobenzene, ug/L		<1	<1
1,2-Dichloropropane, ug/L		<1	<1
1,3-Dichlorobenzene, ug/L		<1	<1
1,3-Dichloropropene, ug/L		<1	<1
1,4-Dichlorobenzene, ug/L		<1	<1
2-Chloroethylvinylether, ug/L		<1	<1
2-Hexanone, ug/L		<1	<1
4-Methyl-2-Pentanone, ug/L		<10	<10
Acetone, ug/L		<10	<10
Acrolein, ug/L		<10	<10
Acrylonitrile, ug/L		<1	<1
Bromodichloromethane, ug/L		<1	<1
Bromomethane, ug/L		<1	400
Benzene, ug/L		<1	<1
Bromoform, ug/L		<1	<1
Chlorobenzene, ug/L		<1	<1
Carbon Tetrachloride, ug/L		<1	<1

Analytical Report

LOG NO: E90-05-880

Received: 30 MAY 90
Reported: 01 JUN 90

Mr. Karl Novak
Hygienetics
2200 Powell Street Suite 1095
Emeryville California 94608

Project: Livermore Arcade

REPORT OF ANALYTICAL RESULTS

Page 2

LOG NO.	SAMPLE DESCRIPTION, AQUEOUS SAMPLES	DATE SAMPLED	
05-880-1	MW 4	30 MAY 90	
05-880-2	MW 5	30 MAY 90	
PARAMETER		05-880-1 MW-4	05-880-2 MW-5
Chloroethane, ug/L		<1	<1
Chloroform, ug/L		<1	<1
Chloromethane, ug/L		<1	<1
Carbon Disulfide, ug/L		<1	<1
Dibromochloromethane, ug/L		<1	31
Ethylbenzene, ug/L		<1	<1
Freon 113, ug/L		<20	<20
Methyl ethyl ketone, ug/L		<1	<1
Methylene chloride, ug/L		<1	<1
Styrene, ug/L		<1	<1
Trichloroethene, ug/L		<1	<1
Trichlorofluoromethane, ug/L		<1	22
Toluene, ug/L		<1	2
Tetrachloroethene, ug/L		<1	<1
Vinyl acetate, ug/L		<1	<1
Vinyl chloride, ug/L		<1	45
Total Xylene Isomers, ug/L		<1	<1
cis-1,2-Dichloroethene, ug/L		<1	<1
trans-1,2-Dichloroethene, ug/L		<1	<1
trans-1,3-Dichloropropene, ug/L		<1	<1
Semi-Quantified Results **		---	500
C5-C15 Hydrocarbons, ug/L			

** Quantification based upon comparison of total ion count of the compound with that of the nearest internal standard.

PRELIMINARY

LOG NO: E90-06-048

Received: 04 JUN 90

Reported: 07 JUN 90

Mr. Michael Wright
 Hygienetics
 2200 Powell Street Suite 1095
 Emeryville California 94608

Project: 48001-36

PARTIAL
 REPORT OF ANALYTICAL RESULTS

Page 1

LOG NO	SAMPLE DESCRIPTION, SOIL SAMPLES	DATE SAMPLED				
06-048-1	19.5'/MW-7/Brass Ring					01 JUN 90
06-048-2	31'/MW-7/Brass Ring					01 JUN 90
06-048-3	41.3'/MW-7/Brass Ring					01 JUN 90
06-048-4	61'/MW-7/Brass Ring					01 JUN 90
06-048-5	66.5'/MW-7/Brass Ring					01 JUN 90
PARAMETER	06-048-1	06-048-2	06-048-3	06-048-4	06-048-5	
Vol.Pri.Poll. (EPA-8240)						
Date Analyzed	06.06.90	06.06.90	06.06.90	06.06.90	06.06.90	
Date Extracted	06.05.90	06.05.90	06.05.90	06.05.90	06.05.90	
Dilution Factor, Times	1	1	1	1	1	
1,1,1-Trichloroethane, mg/kg	0.5	<0.2	<0.2	0.3	<0.2	
1,1,2,2-Tetrachloroethane, mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2	
1,1,2-Trichloroethane, mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2	
1,1-Dichloroethane, mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2	
1,1-Dichloroethene, mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2	
1,2-Dichloroethane, mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2	
1,2-Dichlorobenzene, mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2	
1,2-Dichloropropane, mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2	
1,3-Dichlorobenzene, mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2	
1,3-Dichloropropene, mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2	
1,4-Dichlorobenzene, mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2	
2-Chloroethylvinylether, mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2	
2-Hexanone, mg/kg	<2	<2	<2	<2	<2	
4-Methyl-2-Pentanone, mg/kg	<2	<2	<2	<2	<2	
Acetone, mg/kg	<5	<5	<5	<5	<5	
Acrolein, mg/kg	<5	<5	<5	<5	<5	
Acrylonitrile, mg/kg	<2	<2	<2	<2	<2	
Bromodichloromethane, mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2	
Bromomethane, mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2	

PRELIMINARY

LOG NO: E90-06-048

Received: 04 JUN 90
Reported: 07 JUN 90

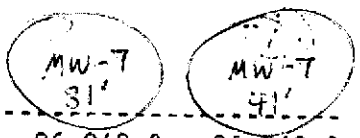
Mr. Michael Wright
Hygienetics
2200 Powell Street Suite 1095
Emeryville California 94608

Project: 48001-36

PARTIAL
REPORT OF ANALYTICAL RESULTS

Page 2

LOG NO	SAMPLE DESCRIPTION, SOIL SAMPLES	DATE SAMPLED
06-048-1	19.5'/MW-7/Brass Ring	
06-048-2	31'/MW-7/Brass Ring	01 JUN 90
06-048-3	41.3'/MW-7/Brass Ring	01 JUN 90
06-048-4	61'/MW-7/Brass Ring	01 JUN 90
06-048-5	66.5'/MW-7/Brass Ring	01 JUN 90



PARAMETER	06-048-1	06-048-2	06-048-3	06-048-4	06-048-5
Benzene, mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Bromoform, mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Chlorobenzene, mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Carbon Tetrachloride, mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Chloroethane, mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Chloroform, mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Chloromethane, mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Carbon Disulfide, mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Dibromochloromethane, mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Ethylbenzene, mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Freon 113, mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Methyl ethyl ketone, mg/kg	<2	<2	<2	<2	<2
Methylene chloride, mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Styrene, mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Trichloroethene, mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Trichlorofluoromethane, mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Toluene, mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Tetrachloroethene, mg/kg	<0.2	0.3	0.4	<0.2	<0.2
Vinyl acetate, mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Vinyl chloride, mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Total Xylene Isomers, mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
cis-1,2-Dichloroethene, mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
trans-1,2-Dichloroethene, mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2

PRELIMINARY

LOG NO: E90-06-048

Received: 04 JUN 90

Reported: 07 JUN 90

Mr. Michael Wright
 Hygienetics
 2200 Powell Street Suite 1095
 Emeryville California 94608

Project: 48001-36

PARTIAL
 REPORT OF ANALYTICAL RESULTS

Page 3

LOG NO	SAMPLE DESCRIPTION, SOIL SAMPLES	DATE SAMPLED				
06-048-1	19.5'/MW-7/Brass Ring	01 JUN 90				
06-048-2	31'/MW-7/Brass Ring	01 JUN 90				
06-048-3	41.3'/MW-7/Brass Ring	01 JUN 90				
06-048-4	61'/MW-7/Brass Ring	01 JUN 90				
06-048-5	66.5'/MW-7/Brass Ring	01 JUN 90				
PARAMETER	06-048-1	06-048-2	06-048-3	06-048-4	06-048-5	
trans-1,3-Dichloropropene, mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2	
Semi-Quantified Results **						
C6-C13 Hydrocarbon, mg/kg	---	---	---	60	---	

** Quantification based upon comparison of total ion count of the compound with that of the nearest internal standard.

PRELIMINARY

LOG NO: E90-06-048

Received: 04 JUN 90

Reported: 07 JUN 90

Mr. Michael Wright
 Hygienetics
 2200 Powell Street Suite 1095
 Emeryville California 94608

Project: 48001-36

PARTIAL
 REPORT OF ANALYTICAL RESULTS

Page 5

LOG NO	SAMPLE DESCRIPTION, GROUND WATER SAMPLES	DATE SAMPLED	
06-048-6	MW-6		04 JUN 90
06-048-7	MW-7		04 JUN 90
		MW-6	MW-7
PARAMETER		06-048-6	06-048-7
Vol. Pri. Poll. (EPA-624)		06.06.90	06.06.90
Date Analyzed		1	06.06.90
Dilution Factor, Times		<1	<10
1,1,1-Trichloroethane, ug/L		<1	<10
1,1,2,2-Tetrachloroethane, ug/L		<1	<10
1,1,2-Trichloroethane, ug/L		<1	<10
1,1-Dichloroethane, ug/L		<1	<10
1,1-Dichloroethene, ug/L		<1	<10
1,2-Dichloroethane, ug/L		<1	<10
1,2-Dichlorobenzene, ug/L		<1	<10
1,2-Dichloropropane, ug/L		<1	<10
1,3-Dichlorobenzene, ug/L		<1	<10
1,3-Dichloropropene, ug/L		<1	<10
1,4-Dichlorobenzene, ug/L		<1	<10
2-Chloroethylvinylether, ug/L		<1	<10
2-Hexanone, ug/L		<1	<10
4-Methyl-2-Pentanone, ug/L		<10	<100
Acetone, ug/L		<10	<100
Acrolein, ug/L		<10	<100
Acrylonitrile, ug/L		<1	<10
Bromodichloromethane, ug/L		<1	<10
Bromomethane, ug/L		<1	63
Benzene, ug/L		<1	<10
Bromoform, ug/L		<1	<10
Chlorobenzene, ug/L		<1	<10
Carbon Tetrachloride, ug/L		<1	<10

PRELIMINARY

LOG NO: E90-06-048

Received: 04 JUN 90

Reported: 07 JUN 90

Mr. Michael Wright
 Hygienetics
 2200 Powell Street Suite 1095
 Emeryville California 94608

Project: 48001-36

PARTIAL
 REPORT OF ANALYTICAL RESULTS

Page 6

LOG NO	SAMPLE DESCRIPTION, GROUND WATER SAMPLES	DATE SAMPLED	
06-048-6	MW-6	04 JUN 90	
06-048-7	MW-7	04 JUN 90	
PARAMETER		06-048-6	06-048-7
Chloroethane, ug/L		<1	<10
Chloroform, ug/L		<1	<10
Chloromethane, ug/L		<1	<10
Carbon Disulfide, ug/L		<1	<10
Dibromochloromethane, ug/L		<1	<10
Ethylbenzene, ug/L		<1	<10
Freon 113, ug/L		<1	<10
Methyl ethyl ketone, ug/L		<20	<200
Methylene chloride, ug/L		<1	<10
Styrene, ug/L		<1	<10
Trichloroethene, ug/L		<1	26
Trichlorofluoromethane, ug/L		<1	<10
Toluene, ug/L		<1	11
Tetrachloroethene, ug/L		35	900
Vinyl acetate, ug/L		<1	<10
Vinyl chloride, ug/L		<1	<10
Total Xylene Isomers, ug/L		<1	840
cis-1,2-Dichloroethene, ug/L		<1	140
trans-1,2-Dichloroethene, ug/L		<1	<10
trans-1,3-Dichloropropene, ug/L		<1	<10
Semi-Quantified Results **			
C5-C9 Hydrocarbons, ug/L		---	30

** Quantification based upon comparison of total ion count of the compound with that of the nearest internal standard.

PRELIMINARY

LOG NO: E90-06-048

Received: 04 JUN 90

Reported: 07 JUN 90

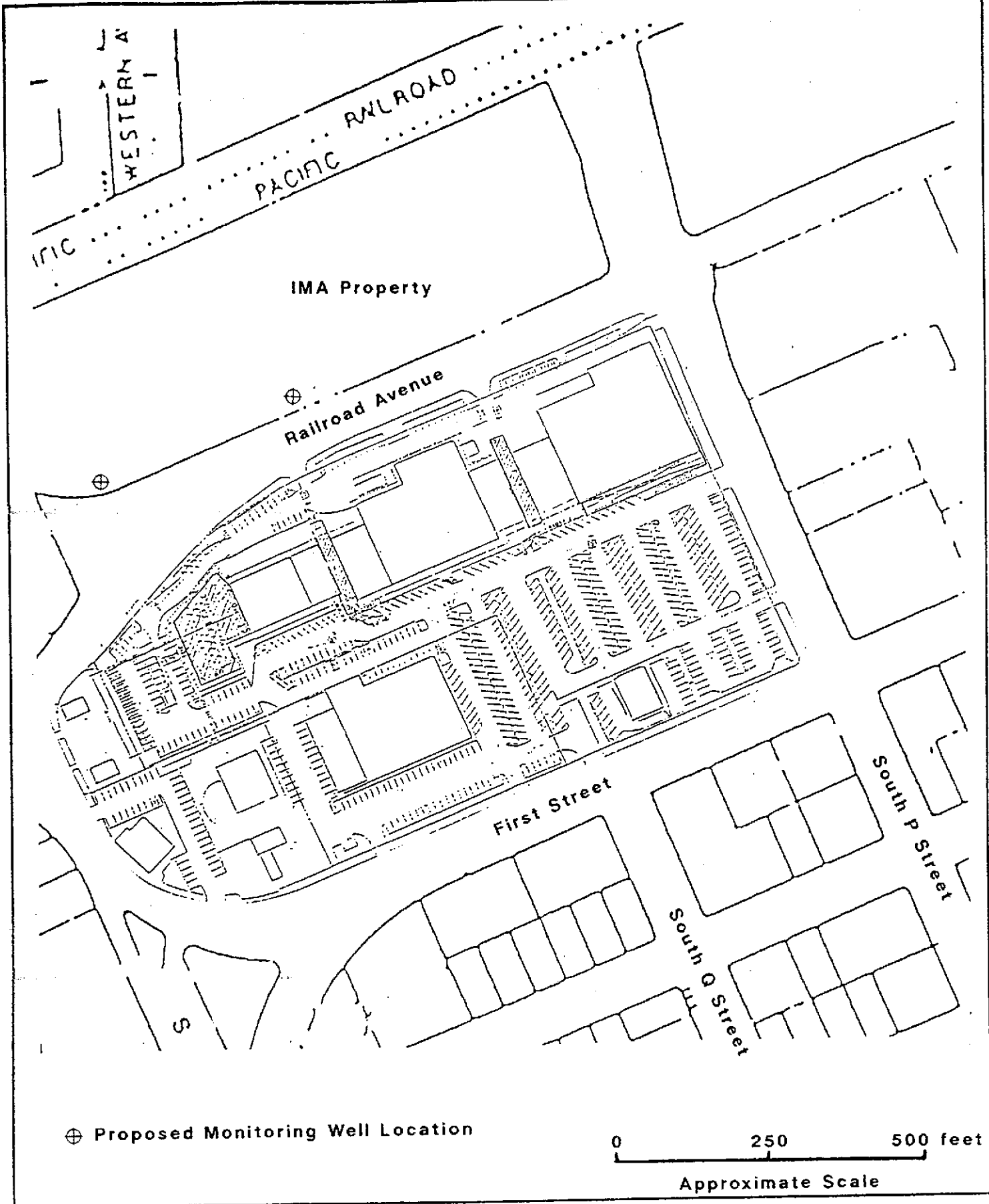
Mr. Michael Wright
 Hygienetics
 2200 Powell Street Suite 1095
 Emeryville California 94608

Project: 48001-36

PARTIAL
 REPORT OF ANALYTICAL RESULTS

Page 4

LOG NO	SAMPLE DESCRIPTION, GROUND WATER SAMPLES	DATE SAMPLED
06-048-6	MW-6	04 JUN 90
06-048-7	MW-7	04 JUN 90
PARAMETER	06-048-6	06-048-7
TPH - Volatile Hydrocarbons	250	3900 12,000



⊕ Proposed Monitoring Well Location

0 250 500 feet

Approximate Scale

153811

MAKEPEACE

Hygienetics Inc.
 Industrial Hygienists
 Architects / Engineers
 Environmental Consultants

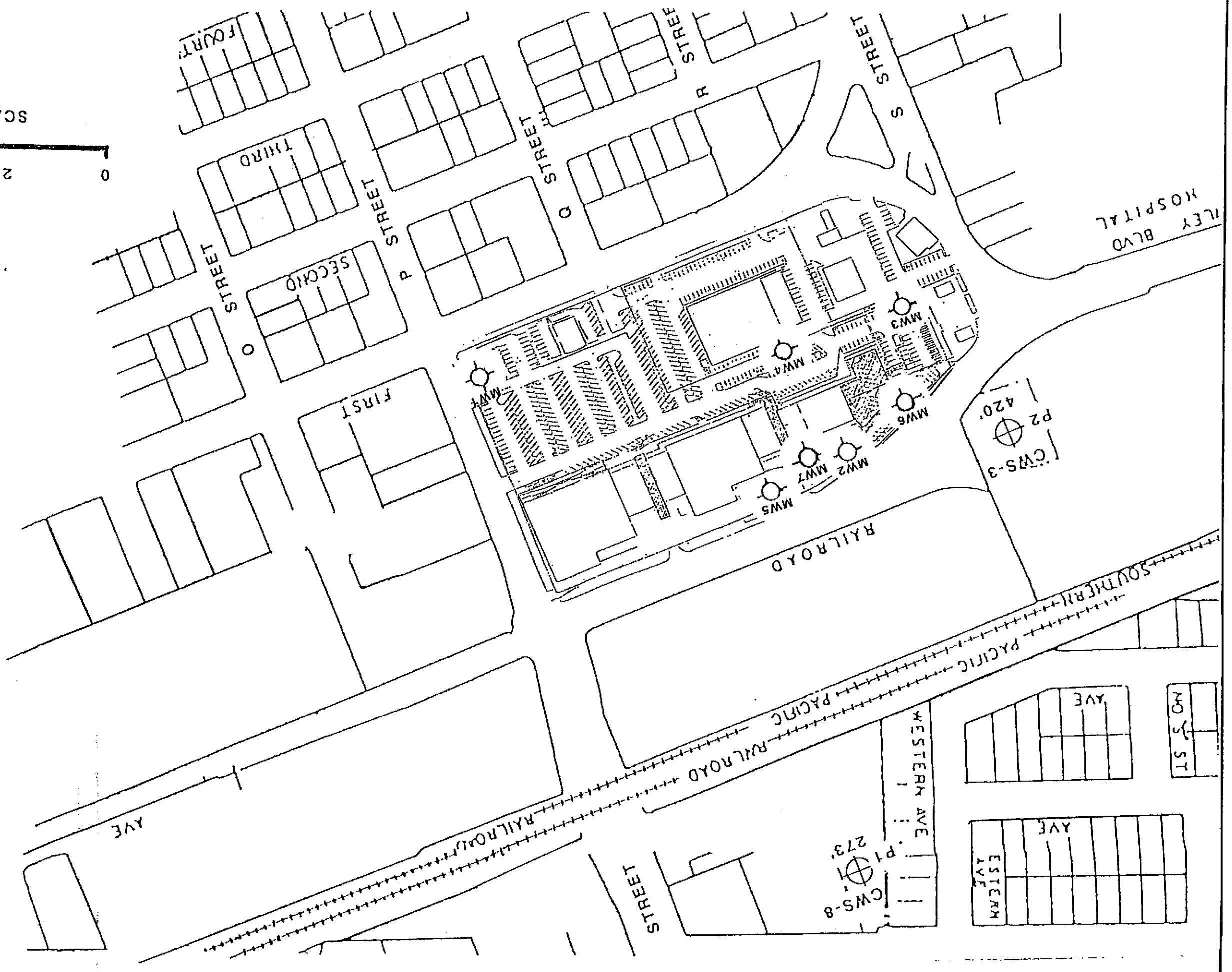
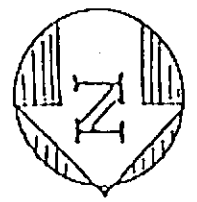
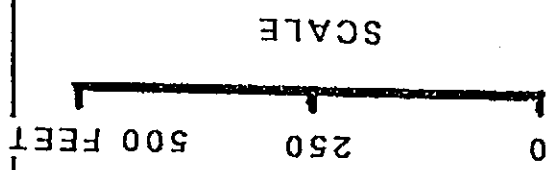
PROJECT NO.	48001-36	DATE
DRN. BY		
REV. 1	DATE	DESCRIPTION

NO.	DATE	DESCRIPTION	APPROVED

PROJECT NO.	
DATE	
BY	
CHECKED BY	
DATE	
BY	
CHECKED BY	
DATE	

Hygienetics Inc.
 Industrial Hygienists
 Architects / Engineers
 Environmental Consultants

DATE	



LEY HOSPITAL
 BLVD

P2
 CWS-3
 420'

P1
 CWS-8
 273'

